

## ABSTRACT

The invention relates, among other things, a preparation comprising Alzheimer's disease antigen (A68), as well as methods of obtaining this purified antigen, and methods of using this purified antigen, for instance, for diagnosing 5 Alzheimer's disease and for detecting human autoantibodies to the Alzheimer disease antigen. The antigen preparation according to the invention is purified in that it is substantially free of immunoglobulin G. The invention further relates to methods of making Alzheimer disease antigens that can be used instead of or along with the A68 antigen preparation (e.g., for diagnosing AD), such as recombinant human tau, tau 10 isolated from various species including human, and phosphorylated recombinant human tau or isolated tau, as well as A68 anti-idiotypic antibodies.

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